

Title (en)
3D image display apparatus including electrowetting lens array and 3D image pickup apparatus including electrowetting lens array

Title (de)
Vorrichtung zur 3D Bildanzeige umfassend ein electrowetting Linsenarray, und Vorrichtung zur 3D Bildaufnahme umfassend ein electrowetting Linsenarray

Title (fr)
Appareil d'affichage d'image 3D comprenant une matrice de lentilles à électromouillage, et appareil de capture d'image 3D comprenant une matrice de lentilles à électromouillage

Publication
EP 2730963 A1 20140514 (EN)

Application
EP 13187881 A 20131009

Priority
KR 20120128263 A 20121113

Abstract (en)
Provided are an integral imaging type 3-dimensional (3D) image display apparatus and a 3D image pickup apparatus for increasing a depth by using an electrowetting lens array. The 3D image display apparatus includes a display panel and an electrowetting lens array having an electrically adjustable variable focal distance. The 3D image display apparatus displays a plurality of images having different depths on different focal planes and thus a depth of a 3D image by using one display panel.

IPC 8 full level
G02B 3/14 (2006.01); **G02B 26/00** (2006.01); **G02B 27/22** (2018.01); **G02B 30/10** (2020.01); **H04N 13/307** (2018.01)

CPC (source: EP KR US)
G02B 3/14 (2013.01 - EP US); **G02B 26/00** (2013.01 - KR); **G02B 26/005** (2013.01 - EP US); **G02B 30/00** (2020.01 - KR); **G02B 30/10** (2020.01 - EP); **G02B 30/27** (2020.01 - US); **G02B 30/52** (2020.01 - EP US); **H04N 13/236** (2018.04 - EP US); **H04N 13/307** (2018.04 - EP KR US); **H04N 13/395** (2018.04 - EP US)

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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DOCDB simple family (application)
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